

1. A transdermal drug delivery system comprising:  
an active drug formulation contained within a transdermal patch, said active drug  
formulation comprising an abusable drug that is systemically administered  
to a user;
- 5 a deterrent agent also contained within said transdermal patch, said deterrent  
agent being co-extracted with said active drug formulation upon  
introduction of said system to an extraction solution; and  
means for preventing the delivery of said deterrent agent into human skin when  
said active drug formulation is applied on skin.
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2. The transdermal drug delivery system of claim 1, wherein said abusable drug is a  
narcotic agent.
3. The transdermal drug delivery system of claim 1, wherein said abusable drug is  
15 fentanyl.
4. The transdermal drug delivery system of claim 1, wherein said deterrent agent is  
selected from the group consisting of irritating agents, central nervous system  
effecting agents, gastrointestinal system effecting agents, cardiac effecting agents,  
20 respiratory system effecting agents, bowel effecting agents, palate effecting  
agents, sleep inducing agents, and smell effecting agents.

5. The transdermal drug delivery system of claim 1, wherein said abusable drug has the potential to be abused by inhalation.
6. The transdermal drug delivery system of claim 1, wherein said abusable drug has the potential to be abused by injection.
- 5 e transdermal drug delivery system of claim 1, wherein said abusable drug has the potential to be abused by snorting.
- drug delivery system of claim 1, wherein said abusable drug has the potential to be abused by ingestion.

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7. A transdermal drug delivery system comprising:
- an active drug formulation comprising an abusable drug, said active drug  
formulation being coated on one side of a backing film; and
- a deterrent formulation, said deterrent formulation being coated on the other side  
of said backing film.
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8. A transdermal drug delivery system comprising:  
a deterrent formulation coated on one side of a backing film; and  
an active drug formulation coated on top of said deterrent formulation, said active  
drug formulation comprising an abusable drug.

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9. The transdermal drug delivery system of claim 7, wherein said abusable drug is a  
narcotic agent.

10. The transdermal drug delivery system of claim 7, wherein said abusable drug is  
fentanyl.

11. The transdermal drug delivery system of claim 7, wherein said deterrent agent is  
selected from the group consisting of irritating agents, central nervous system  
effecting agents, gastrointestinal system effecting agents, cardiac effecting agents,  
respiratory system effecting agents, bowel effecting agents, palate effecting  
agents, sleep inducing agents, and smell effecting agents.

12. The transdermal drug delivery system of claim 7, further comprising a separating  
film separating said active drug formulation from said deterrent agent.

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13. A transdermal drug delivery system comprising:  
a carrier medium;  
a drug formulation contained within said carrier medium and comprising an  
abusable drug; and  
5 a microencapsulated deterrent agent also contained within said carrier medium;
14. The transdermal drug delivery system of claim 13, wherein said abusable drug is a  
narcotic agent.
- 10 15. The transdermal drug delivery system of claim 13, wherein said abusable drug is  
fentanyl.
16. The transdermal drug delivery system of claim 15, wherein said deterrent agent is  
selected from the group consisting of irritating agents, central nervous system  
15 effecting agents, gastrointestinal system effecting agents, cardiac effecting agents,  
respiratory system effecting agents, bowel effecting agents, palate effecting  
agents, sleep inducing agents, and smell effecting agents
17. The transdermal drug delivery system of claim 13, wherein the deterrent is an  
20 emetic.